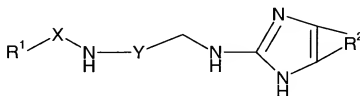


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A compound of the formula (I):



(I)

in which:

R¹ is an optionally substituted aryl or an optionally substituted heteroaryl ring;

R² is the residue of a 5 or 6-membered heteroaryl ring which is optionally substituted with from 1 to 3 substituents selected from halo, cyano, hydroxy, (C₁₋₆)alkyl (optionally substituted by halo, hydroxy, amino, mono to perfluoro(C₁₋₃)alkyl, carboxy or (C₁₋₆)alkoxycarbonyl), (C₃₋₇)cycloalkyl, C₍₁₋₆₎alkoxy, amino, mono- or di-(C₁₋₆)alkylamino, acylamino, carboxy, (C₁₋₆)alkoxycarbonyl, carboxy(C₁₋₆)alkyloxy, (C₁₋₆)alkylthio, (C₁₋₆)alkylsulphinyl, (C₁₋₆)alkylsulphonyl, sulphamoyl, mono- and di-(C₁₋₆)alkylsulphamoyl, carbamoyl, mono- and di-(C₁₋₆)alkylcarbamoyl, and heterocyclyl;

X is CH₂ or CHR³ in which R³ is C₍₁₋₆₎alkyl or is linked to the ortho position of an aryl or heteroaryl ring of R¹ to form a 5 to 7 membered ring optionally including oxygen or nitrogen as a ring atom;

Y is C₍₁₋₃₎alkylene or C₍₄₋₆₎cycloalkylene;

including tautomeric forms of the imidazole ring; and
salts thereof, ~~preferably pharmaceutically acceptable salts thereof~~, and
excluding 8-[2-(benzylamino)ethylamino]theophylline.

2. (original) A compound according to claim 1, wherein said compound is selected from the group consisting of *N*-(3,5-dibromobenzyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;

N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;

N-(6,8-dibromo-1,2,3,4-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine dihydrochloride;

N-(4,5-dibromothien-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;

N-(3,5-dibromobenzyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)-propane-1,3-diamine ;

N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyrazin-2-yl)-propane-1,3-diamine dihydrochloride;

N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(9*H*-purin-8-yl)-propane-1,3-diamine dihydrochloride;

N-(4,5-dibromothien-2-ylmethyl)-*N'*-(9*H*-purin-8-yl)-propane-1,3-diamine dihydrochloride;

N-(3-bromo-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine ;

N-(6-Ethyl-8-iodo-1,2,3,4-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine dihydrochloride;

N-(6,8-dibromo-1,2,3,4-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine dihydrochloride;

N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine ;

N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine ;

N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)-propane-1,3-diamine ;

N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;

N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)-propane-

1,3-diamine ;

N-(3-bromo-2-ethoxy-5-methylsulfanybenzyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(6-chloro-8-iodochroman-4-yl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine;

N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine hydrochloride;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)- *N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)- *N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)- *N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)- *N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)- *N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;

and *N*-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)- *N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine.

3. (currently amended) A pharmaceutical composition comprising an antibacterially effective amount of a ~~substance or~~ compound according to claim 1 together with a pharmaceutically acceptable carrier or excipient.

4. (currently amended) A pharmaceutical composition according to claim 3, wherein the compound ~~according to claim 1~~ is selected from the group consisting of *N*-(3,5-dibromobenzyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;
N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;
N-(6,8-dibromo-1,2,3,4,-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-

1,3-diamine dihydrochloride;

N-(4,5-dibromothien-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;

N-(3,5-dibromobenzyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)-propane-1,3-diamine ;

N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyrazin-2-yl)-propane-1,3-diamine dihydrochloride;

N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(9*H*-purin-8-yl)-propane-1,3-diamine dihydrochloride;

N-(4,5-dibromothien-2-ylmethyl)-*N'*-(9*H*-purin-8-yl)-propane-1,3-diamine dihydrochloride;

N-(3-bromo-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine ;

N-(6-Ethyl-8-iodo-1,2,3,4-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine dihydrochloride;

N-(6,8-dibromo-1,2,3,4-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine dihydrochloride;

N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine ;

N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine ;

N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)-propane-1,3-diamine ;

N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;

N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)-propane-1,3-diamine ;

N-(3-bromo-2-ethoxy-5-methylsulfanybenzyl)-*N'*-(5*H*-imidazo[4,5-*c*] pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(6-chloro-8-iodochroman-4-yl)-*N'*-(5*H*-imidazo[4,5-*c*] pyridazin-6-yl)propane-1,3-diamine;

N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*] pyridazin-6-yl)propane-

1,3-diamine dihydrochloride;

N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine hydrochloride;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;

and *N*-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine.

5. (original) A method of treating a bacterial infection, comprising administering an antibacterially effective amount of a compound according to claim 1 to a patient in need thereof.

6. (currently amended) A method of treating a bacterial infection according to claim 5, wherein the compound according to claim 1 is selected from the group consisting of *N*-(3,5-dibromobenzyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;
N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;
N-(6,8-dibromo-1,2,3,4-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine dihydrochloride;
N-(4,5-dibromothien-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;
N-(3,5-dibromobenzyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)-propane-1,3-diamine ;
N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyrazin-2-yl)-propane-1,3-diamine dihydrochloride;

N-(4,6-dichloro-1*H*-indol-2-ylmethyl)-*N'*-(9*H*-purin-8-yl)-propane-1,3-diamine dihydrochloride;
N-(4,5-dibromothien-2-ylmethyl)-*N'*-(9*H*-purin-8-yl)-propane-1,3-diamine dihydrochloride;
N-(3-bromo-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine ;
N-(6-Ethyl-8-iodo-1,2,3,4-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine dihydrochloride;
N-(6,8-dibromo-1,2,3,4-tetrahydroquinolin-4-yl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine dihydrochloride;
N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine ;
N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine ;
N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;
N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;
N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)-propane-1,3-diamine ;
N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)-propane-1,3-diamine;
N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)-propane-1,3-diamine ;
N-(3-bromo-2-ethoxy-5-methylsulfanybenzyl)-*N'*-(5*H*-imidazo[4,5-*c*] pyridazin-6-yl)propane-1,3-diamine dihydrochloride;
N-(6-chloro-8-iodochroman-4-yl)-*N'*-(5*H*-imidazo[4,5-*c*] pyridazin-6-yl)propane-1,3-diamine;
N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*] pyridazin-6-yl)propane-1,3-diamine dihydrochloride;
N-(4,5-dibromo-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;
N-(4-bromo-3-methyl-5-vinylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(3-chloro-5-methoxy-1*H*-indol-7-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-difluoromethyl-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-3-methyl-5-trifluoromethylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine dihydrochloride;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine hydrochloride;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine;

N-(4-bromo-5-(1-fluorovinyl)-3-methylthiophen-2-ylmethyl)-*N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)-*N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-

yl)propane-1,3-diamine;

N-(4-bromo-3-methyl-5-ethynylthiophen-2-ylmethyl)- *N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine;

N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)-*N'*-(5*H*-imidazo[4,5-*c*]pyridazin-6-yl)propane-1,3-diamine dihydrochloride;

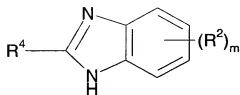
N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)- *N'*-(1*H*-imidazo[4,5-*c*]pyridin-2-yl)propane-1,3-diamine;

N-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)- *N'*-(1*H*-imidazo[4,5-*b*]pyridin-2-yl)propane-1,3-diamine;

and *N*-(4-bromo-5-ethyl-3-(1-propynyl)thiophen-2-ylmethyl)- *N'*-(1*H*-thieno[3,4-*d*]imidazol-2-yl)propane-1,3-diamine.

7. (currently amended) A process for preparing a compound of formula (I) of Claim 1 which process comprises

(i) reacting an imidazole compound of formula (II):



(II)

in which R^2 is as hereinbefore defined; and

R^4 is a leaving group such as halo, for instance chloro or $C_{(1-6)}$ alkylthio;

with an amine of the formula (III):

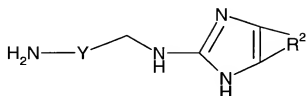


(III)

in which R^1 , X and Y are as hereinbefore defined;

or an activated derivative thereof;
under nucleophilic displacement conditions; or

(ii) reacting a compound of formula (IV):



(IV)

in which R² and Y are as hereinbefore defined;
with either:

(a) for a compound of formula (I) in which X is CH₂, an aldehyde of formula (V):



(V)

in which R¹ is as hereinbefore defined;
under reductive alkylation conditions;

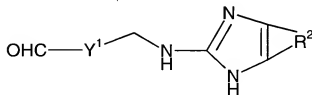
(b) for a compound of formula (I) in which X is CHR³, a ketone of formula (VI):



(VI)

in which R¹ and R³ are as hereinbefore defined;
under reductive alkylation conditions;

(c) for preparing a compound of formula (I) in which Y is C₍₁₋₃₎alkylene which process comprises reacting a compound of formula (VII):



(VII)

in which R² is as hereinbefore defined, and

Y¹ is C₍₀₋₂₎alkylene;

with an amine of formula (VIII):



(VIII)

in which R¹ and X are as hereinbefore defined;

under reductive alkylation conditions.